

Appl. No. 10/605,422  
Reply to Office action of August 13, 2007

### REMARKS/ARGUMENTS

#### Request for Continued Examination:

5 The applicant respectfully requests continued examination of the above-indicated application as per 37 CFR 1.114.

#### 1. Rejection of claims 1 and 4-10 under 35 U.S.C. 103(a):

Claims 1 and 4-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Damera-Venkata (US 6,920,243) in view of Buhr et al. (US 6,791,716).

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#### Response:

Independent claim 1 has been amended to overcome this claim rejection. Claim 1 now contains the limitations previously present in claim 8, and claim 8 has been cancelled. No new matter has been added as a result of this amendment.

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As a result, claim 1 now recites that when computing processed colorimetric channels X' and Z' based on the processed luminance channel Y', "a relationship between the processed colorimetric channel X' and the colorimetric channel X satisfies the equation  $X' = (X/Y) * Y'$ ."

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Since neither Damera-Venkata nor Buhr teach calculating the processed colorimetric channel X' based on the equation  $X' = (X/Y) * Y'$ , the currently amended claim 1 is patentable over the cited prior art.

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Furthermore, claims 4-7 and 9-10 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 1, 4-7, and 9-10 is respectfully requested.

#### 2. Rejection of claims 2 and 3 under 35 U.S.C. 103(a):

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Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable

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over Damera-Venkata (US 6,920,243) and Buhr et al. (US 6,791,716) in view of Matama (US 6,603,886).

**Response:**

5           Claims 2 and 3 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 2 and 3 is respectfully requested.

3. Introduction to new claims 11-18:

10           New claim 11 is drafted to include the limitations of original claim 1 and 9, and no new matter has been added.

15           New claim 11 recites that when computing processed colorimetric channels  $X'$  and  $Z'$  based on the processed luminance channel  $Y'$ , "a relationship between the processed colorimetric channel  $Z'$  and the colorimetric channel  $Z$  satisfies the equation  $Z'=(Z/Y)*Y'$ ."

20           Since neither Damera-Venkata nor Buhr teach calculating the processed colorimetric channel  $Z'$  based on the equation  $Z'=(Z/Y)*Y'$ , new claim 11 should be patentable over the cited prior art.

25           New dependent claims 12-18 are duplicates of original claims 2-7 and 10, respectively, and no new matter has been added.

30           In addition, claims 12-18 are dependent on claim 11, and should be allowed if claim 11 is allowed. Reconsideration of claims 11-18 is respectfully requested.

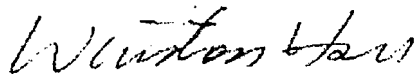
          In view of the claim amendments and the above arguments in favor of patentability, the applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

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